

**Flood Control Project Maintenance
Levee Inspections**

Fall 2016 Levee Maintenance Deficiency Summary Report

Overall LMA & Unit Ratings, including USACE Erosion Survey

Sacramento River Basin

**** SBFCA currently has operation and maintenance obligations during project construction and closeout.**

LD0009	Overall LMA Rating	Total LMA Miles						
Levee District No. 0009 (Sutter County)	A	6.25						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.35			
Animal Control	0.01		0.01	0.16%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07	0.03		
<i>LMA Totals:</i>	0.01	0.00	0.01	0.16%	0.42	0.03	0.00	0.00

Unit No. 01 Sutter County, Feather River RB	Overall Unit Rating	Total Unit Miles						
LD0009	A	6.25						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Encroachments					0.35			
Animal Control	0.01		0.01	0.16%				
<i>Supplemental</i>								
DWR UCIP Field Study					0.07	0.03		
<i>Unit Totals:</i>	0.01	0.00	0.01	0.16%	0.42	0.03	0.00	0.00

**Flood Control Project Maintenance
Levee Inspections**
LMA District Cover Sheet
Fall 2016 Levee Inspection Results

Levee District No. 0009 (Sutter County)

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			A	

** Non-receipt of Summer or Winter Inspection
Reports may effect overall annual rating.

† SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Fall 2016 Levee Inspection Results

Levee District No. 0009 (Sutter County)

Waterway			Bank	Unit Miles
Unit No. 01 Sutter County, Feather River			Right	6.25
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			A	
Date of Inspection	4/5/2016 - 4/7/2016		10/4/2016 - 10/4/2016	
DWR Inspector	Sterling York		Sterling York	
Accompanied By	David Schmidl		David Schmidl	

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start		Rating **	A	Issue No.	4
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Emergency Supplies & Equipment			°	°
				°	°
DWR ID	DWR_LD0009_01_s_2013_4				
Comment Code					
Inspector Comment					
LD 9 has flood fight supplies on hand and coordinates with other local levee districts in the flood fight supply staging program.					

No Photos

LM Start		Rating **	A	Issue No.	5
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Operations & Maintenance Manuals			°	°
				°	°
DWR ID	DWR_LD0009_01_s_2013_5				
Comment Code					
Inspector Comment					
The levee district has stated in the past that they have a copy of the O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	6
LM End		Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Flood Preparedness & Training			°	°
				°	°
DWR ID	DWR_LD0009_01_s_2013_6				
Comment Code					
Inspector Comment					
The district has attended the Flood Fight class put on by RD 784 and DWR.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.00	Rating **	M	Issue No.	32
LM End	0.00	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168909 °	39.168909 °
				-121.622629 °	-121.622629 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:47098 DS_ID:17793 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need better gas-line markings at levees. FIELD_STRUCT_DESC: 8-5/8-inch fuel line thru levee. Gasline marker found appr. 650 ft south of crossing on west side of RR. At location of sign, pipe assumed to run parrallel along west side of RR tracks before it crosses levee at LM 0, per Permit No. 3823. FS Date: 3/1/2013					

Photo 1 of 1 : UCIP_FA_2016_47098_16629.jpg



Gasline marker found apprx. 650 ft south of crossing at beginning of curve in RR bridge (west of RR).

LM Start	0.01	Rating **	M	Issue No.	31
LM End	0.01	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.168871 °	39.168871 °
				-121.622514 °	-121.622514 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:47090					
DS_ID:22685					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified.					
FIELD_STRUCT_DESC: Fiber optic communication line at unknown depth below the crown.					
FS Date: 3/3/2013					

Photo 1 of 2 : UCIP_FA_2016_47090_40171.jpg



Fiber optic line marker on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.01	Rating **	M	Issue No.	31 (cont)	
LM End	0.01	Issue Type +	En	Location *	WS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.168871 °		39.168871 °
				-121.622514 °		-121.622514 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:47090 DS_ID:22685 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified. FIELD_STRUCT_DESC: Fiber optic communication line at unknown depth below the crown. FS Date: 3/3/2013						

Photo 2 of 2 : UCIP_FA_2016_47090_40170.jpg



Fiber optic line marker on LS shoulder.

LM Start	0.01	Rating **	A	Issue No.	16
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			39.168919 °	39.255752 °
				-121.622539 °	-121.636363 °
DWR ID	DWR_LD0009_01_f_2016_16				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					
Well maintained annual vegetation. Fall 2016.					

Photo 1 of 2 : FA_2016_LD0009_202_16_20161006_00026.jpg



View of well maintained annual vegetation that is mowed on the landside looking downstream. Fall 2016.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee District No. 0009 (Sutter County)

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.01	Rating **	A	Issue No.	17 (cont)	
LM End	6.24	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			39.168919 °		39.255752 °
				-121.622540 °		-121.636363 °
DWR ID	DWR_LD0009_01_f_2016_17					
Comment Code						
V1 : Control annual grass and weeds on the levee slopes and easements.						
Inspector Comment						
Well maintained annual vegetation. Fall 2016.						

Photo 2 of 2 : FA_2016_LD0009_202_17_20161006_00034.jpg



View of well maintained annual vegetation that was burned on the waterside looking downstream. Fall 2016.

LM Start	0.04	Rating **	U	Issue No.	30
LM End	0.04	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.169339 °	39.169339 °
				-121.622616 °	-121.622616 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41828 DS_ID:17791 EP_NO: N/A Repair Type: Urgent Crossing Status: Indicator Found UCIP Comments: gas lines need to be better marked in this area as they are only 2.6-feet below crown. FIELD_STRUCT_DESC: 8-5/8-inch diameter fuel line along the landward shoulder, 2.6 feet below the crown. FS Date: 3/1/2013					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.05	Rating **	M	Issue No.	33
LM End	0.05	Issue Type +	En	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.169419 °	39.169419 °
				-121.622631 °	-121.622631 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:47099 DS_ID:17792 EP_NO: 3823 Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need better gas-line markings at levees. FIELD_STRUCT_DESC: 8-5/8-inch fuel line along the landward shoulder, 2.6 feet below the crown. Gasline marker found on LS shoulder indicating location of crossing. Gasline marker also found appr. 650 ft south of crossing on west side of RR tracks at beginning of curve in RR bridge, indicating location where pipe runs parrallel to RR before it crosses levee at this location. FS Date: 3/1/2013					

LM Start	0.05	Rating **	M	Issue No.	33 (cont)
LM End	0.05	Issue Type +	En	Location *	WS

Photo 1 of 2 : UCIP_FA_2016_47099_16631.jpg



Gasline marker found on LS shoulder.

Photo 2 of 2 : UCIP_FA_2016_47099_74900.jpg



Gasline marker found appr. 650 ft south of crossing on west side of RR.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.09	Rating **	M	Issue No.	18
LM End	0.09	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			39.170064 °	39.170064 °
				-121.622563 °	-121.622563 °
DWR ID	DWR_LD0009_01_f_2016_18				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Rodent holes that need to be backfilled.					

Photo 1 of 1 : FA_2016_LD0009_202_18_20161006_00042.jpg



View of rodent holes that need to be backfilled, no sign of rodents at time of inspection. Fall 2016.

LM Start	0.10	Rating **	M	Issue No.	24
LM End	0.10	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.170153 °	39.170153 °
				-121.622546 °	-121.622546 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9596 DS_ID:17790 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need better gas-line markings at levees. FIELD_STRUCT_DESC: 16-inch gas line through the levee, 3.5 feet below the crown. Marker on LS toe. Permit No. 1913, 1954, PG&E. FS Date: 3/1/2013					

Photo 1 of 2 : UCIP_FA_2016_9596_16633.jpg



Gasline marker at LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.10	Rating **	M	Issue No.	24 (cont)	
LM End	0.10	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DWR UCIP Field Study			39.170153 °		39.170153 °
				-121.622546 °		-121.622546 °
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:9596 DS_ID:17790 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Need better gas-line markings at levees. FIELD_STRUCT_DESC: 16-inch gas line through the levee, 3.5 feet below the crown. Marker on LS toe. Permit No. 1913, 1954, PG&E. FS Date: 3/1/2013						

Photo 2 of 2 : UCIP_FA_2016_9596_16632.jpg



Close up of Gasline marker at LS toe.

LM Start	0.96	Rating **	M	Issue No.	25
LM End	0.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.182607 °	39.182607 °
				-121.620775 °	-121.620775 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9598 DS_ID:17788 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be removed from levee crown. FIELD_STRUCT_DESC: 3-inch steel pipe of an unknown type through the levee at the crown. [Additional Reference(s): DWR Levee Logs, 2005]. FS Date: 3/1/2013					

Photo 1 of 2 : UCIP_FA_2016_9598_16635.jpg



Pipe at crown on LS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	0.96	Rating **	M	Issue No.	25 (cont)
LM End	0.96	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.182607 °	39.182607 °
				-121.620775 °	-121.620775 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9598 DS_ID:17788 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be removed from levee crown. FIELD_STRUCT_DESC: 3-inch steel pipe of an unknown type through the levee at the crown. [Additional Reference(s): DWR Levee Logs, 2005]. FS Date: 3/1/2013					

Photo 2 of 2 : UCIP_FA_2016_9598_16634.jpg



Pipe at crown on LS shoulder.

LM Start	1.33	Rating **	M	Issue No.	26
LM End	1.33	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.187995 °	39.187995 °
				-121.620706 °	-121.620706 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9601 DS_ID:17785 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine type of abandonment. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel pipe through the levee, 2.8 feet below the crown. Waterward end open. Steel plate welded on landward end. Pump and standpipe at the landward toe. Permit No. 1407, 1949. FS Date: 3/1/2013					

Photo 1 of 2 : UCIP_FA_2016_9601_16637.jpg



Abandoned Pump platform on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	1.33	Rating **	M	Issue No.	26 (cont)	
LM End	1.33	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.187995 °	39.187995 °	
				-121.620706 °	-121.620706 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:9601 DS_ID:17785 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Unable to determine type of abandonment. FIELD_STRUCT_DESC: *ABANDONED* 10-inch steel pipe through the levee, 2.8 feet below the crown. Waterward end open. Steel plate welded on landward end. Pump and standpipe at the landward toe. Permit No. 1407, 1949. FS Date: 3/1/2013						

Photo 2 of 2 : UCIP_FA_2016_9601_16636.jpg



JP at pump on LS toe.

LM Start	1.88	Rating **	M	Issue No.	29
LM End	1.88	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.195241 °	39.195241 °
				-121.624165 °	-121.624165 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41063 DS_ID:17784 EP_NO: 1119 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be repaired or properly abandoned. FIELD_STRUCT_DESC: 16-inch steel pipe through levee, 3.0 feet below crown. Pump in pump house on channel bank. Gate valve on the waterward end. Concrete standpipe and distribution box at the landward toe. (Permit No. 1119, 06/08/1946) FS Date: 3/1/2013					

Photo 1 of 2 : UCIP_FA_2016_41063_16640.jpg



Pipe on WS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	1.88	Rating **	M	Issue No.	29 (cont)
LM End	1.88	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.195241 °	39.195241 °
				-121.624165 °	-121.624165 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41063 DS_ID:17784 EP_NO: 1119 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be repaired or properly abandoned. FIELD_STRUCT_DESC: 16-inch steel pipe through levee, 3.0 feet below crown. Pump in pump house on channel bank. Gate valve on the waterward end. Concrete standpipe and distribution box at the landward toe. (Permit No. 1119, 06/08/1946) FS Date: 3/1/2013					

Photo 2 of 2 : UCIP_FA_2016_41063_16639.jpg



Concrete and CMP riser on LS toe.

LM Start	2.56	Rating **	U	Issue No.	27
LM End	2.56	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.203936 °	39.203936 °
				-121.629521 °	-121.629521 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:9604 DS_ID:17783 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: Pipe appears abandoned as pump is dosconnected and open on waterside. Pipe should be properly abandoned. FIELD_STRUCT_DESC: 18-inch steel pipe through levee, 8 feet below crown Pump and gate valve in pump house on channel bank. Concrete well on the bank. Siphon breaker in CMP riser on landward slope. (O+M 1955) FS Date: 3/1/2013					

Photo 1 of 2 : UCIP_FA_2016_9604_16649.jpg



CMP riser on LS toe.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	2.56	Rating **	U	Issue No.	27 (cont)	
LM End	2.56	Issue Type +	En	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DWR UCIP Field Study			39.203936 °	39.203936 °	
				-121.629521 °	-121.629521 °	
DWR ID						
Comment Code						
Inspector Comment						
FS_ID:9604						
DS_ID:17783						
EP_NO: N/A						
Repair Type: Urgent						
Crossing Status: Found						
UCIP Comments: Pipe appears abandoned as pump is dosconnected and open on waterside. Pipe should be properly abandoned.						
FIELD_STRUCT_DESC: 18-inch steel pipe through levee, 8 feet below crown Pump and gate valve in pump house on channel bank. Concrete well on the bank. Siphon breaker in CMP riser on landward slope. (O+M 1955)						
FS Date: 3/1/2013						

Photo 2 of 2 : UCIP_FA_2016_9604_16648.jpg



Pipe and pumphouse on WS toe/bench.

LM Start	2.93	Rating **	C	Issue No.	2
LM End	3.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.209277 °	39.211410 °
				-121.629283 °	-121.628762 °
DWR ID	DWR_LD0009_01_s_2012_2				
Comment Code					
DT : Ditch					
Inspector Comment					
This ditch is permitted, Permit #15201.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	3.49	Rating **	U	Issue No.	28
LM End	3.49	Issue Type +	En	Location *	LS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DWR UCIP Field Study			39.217363 °	39.217363 °
				-121.628434 °	-121.628434 °
DWR ID					
Comment Code					
Inspector Comment					
FS_ID:41223					
DS_ID:17782					
EP_NO: 13657					
Repair Type: Urgent					
Crossing Status: Found					
UCIP Comments: Needs flapgate on WS outlet. Pump is missing.					
FIELD_STRUCT_DESC: 20-inch interior and exterior coated steel					
drainage pipe through the levee, 2 feet below the crown. Siphon					
breaker on the waterside (WS) shoulder. Pump with a trash rack is					
located at the landside (LS) toe, not found. (Permit No. 13657, 1983 -					
Micheli). [Additional Reference(s): DWR Levee Logs, 2005].					
FS Date: 10/15/2014					

LM Start	3.49	Rating **	U	Issue No.	28 (cont)
LM End	3.49	Issue Type +	En	Location *	LS

Photo 1 of 2 : UCIP_FA_2016_41223_16653.jpg



LS at trash rack and pumping plant.

Photo 2 of 2 : UCIP_FA_2016_41223_16652.jpg



Siphon Breakers on WS shoulder.

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee District No. 0009 (Sutter County)

No Photos

View of area on the landside where rodent holes have been repaired.

View of ditch at the toe of the landside, looking downstream. Fall 2016.

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**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Fall 2016

Levee District No. 0009 (Sutter County)

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sutter County, Feather River	Right	6.25	10/04/2016 10/04/2016	Sterling York

LM Start	5.68	Rating **	M	Issue No.	11
LM End	5.68	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			39.247697 °	39.247697 °
				-121.637312 °	-121.637312 °
DWR ID	DWR_LD0009_01_s _ 2012_11				
Comment Code					
BU : Building					
Inspector Comment					

LM Start	5.68	Rating **	M	Issue No.	11 (cont)
LM End	5.68	Issue Type +	En	Location *	WS

Photo 1 of 2 : FA_2016_LD0009_202_11_20160906_00001.jpg



Building at the waterside toe. Spring 2016.

Photo 2 of 2 : FA_2016_LD0009_202_11_20161006_00039.jpg



Building at the waterside toe looking downstream. Fall 2016

LM Start	5.71	Rating **	C	Issue No.	21
LM End	5.71	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			39.248009 °	39.248009 °
				-121.637306 °	-121.637306 °
DWR ID	DWR_LD0009_01_f_2015_21				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					
Tree stump has been removed. Fall 2016.					

No Photos

* Location LS : Land Side N/A : Not Applicable WS : Water Side CR : Crown	** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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